

# Welcome!

43D MDOS/SGOAM

4-2751

# Non-ionizing Radiation In Your Work Place

# Overview

- Define Ionizing & Non-ionizing Radiation
- Radio Frequency Radiation (FR)
- Exposure
- Precautions you need to take
- Reaction to an over exposure

# Let's Define:

- Ionizing Radiation
- Non-ionizing Radiation

# Radio Frequency Radiation

- Repair of navigation equipment
- Testing equipment
- Flight line exposure

# Radio Frequency Radiation

- Speed monitoring device or radar guns
- Portable Communication equipment

# Interim Summary

- What Non-ionizing radiation is
- How you exposed at your work place
- What part of the body is most susceptible
- What the symptoms are

# How to Protect Yourself

- Distance
- Exposure
- Shielding
- AFOSH Standards available
- Post or barricade exposure areas
- Be familiar with radiation emitted from your equipment.



# Reaction to Over Exposure

- Inform your supervisor
- Turn off power to unit
- Don't change operating parameters on equipment
- Contact BEE, PH and Safety Office
- Report for a medical examination

# Summary

- Definition of ionizing & non-ionizing
- Radio Frequency Radiation (FR)
- Exposure
- Precautions needed to be taken
- Over exposure & what to do



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